

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. LOMAU.138A	APPLICATION NO. 09/921,158
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Yong Hua Zhu, et al	
		FILING DATE August 1, 2001	GROUP Unknown



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
PR		1,064,307	08/10/13	Fleming			
		3,893,454	07/08/75	Hagelin			
		3,920,021	11/18/75	Hillebrandt			
		4,530,698	07/23/85	Goldstein, et al.			
		4,585,437	04/29/86	Simms			
		4,622,970	11/18/86	Wozniak			
		4,889,112	12/26/89	Schauchner, et al.			
		4,905,267	02/27/90	Miller, et al.			
		4,999,235	03/12/91	Lunn, et al.			
		5,006,106	04/09/91	Angelchik			
		5,242,387	09/07/93	Loughlin			
		5,257,979	11/02/93	Jagpal			
		5,259,835	11/09/93	Clark et al.			
		5,306,259	04/26/94	Fischell et al.			
		5,352,207	10/04/94	Nussbaum			
		5,360,397	11/01/94	Pinchuk			
		5,383,899	01/24/95	Hammerslag			
		5,407,427	04/18/95	Zhu, et al.			
		5,419,765	05/30/95	Weldon et al.			
		5,425,746	06/20/95	Proto et al.			
		5,437,631	08/01/95	Janzen			
		5,445,597	08/29/95	Clark et al.			
		5,529,577	06/25/96	Hammerslag			
		5,531,759	07/02/96	Kensay et al			
		5,536,251	07/18/96	Evard et al.			
		5,620,461	04/15/97	Muijs Van De Moer et al.			
		5,649,859	07/22/97	Hannam et al.			

EXAMINER <i>[Signature]</i>	DATE CONSIDERED <i>Jan 31, 03</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
LOMAU.138A

APPLICATION NO.
09/821,158

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Zhu, et al

FILING DATE
August 01, 2001

GROUP
3731

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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
PR	5,486,195	1/23/96	Myers, et al			
PR	6,056,768	5/2/00	Cates, et al			

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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
PR	EP 0 818 178 A2	3/19/97	European Patent Application				
	WO 00/33,744	5/15/00	PCT				
	O 493 810 B1	11/29/95	Europe				


EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
PR	PCT International Search Report,	


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	APPLICANT Zhu, et al.	
	FILING DATE August 1, 2001	GROUP 3731

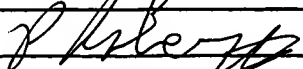
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	6,197,042	03/06/01	Ginn, et al.			
	2	6,277,140	08/21/01	Ginn, et al.			
	3	6,391,048	05/21/02	Ginn, et al.			
	4	6,461,364	10/08/02	Ginn, et al.			
	5	6,623,510	09/23/03	Carley, et al.			
	6	6,626,918	09/30/03	Ginn, et al.			
	7	6,632,238	10/14/03	Ginn, et al.			
	8	US 2002/0002386 A1	01/03/02	Ginn, et al.			
	9	US 2002/0072768 A1	06/13/02	Ginn			
	10	US 2002/0077656 A1	06/20/02	Ginn, et al.			
	11	US 2002/0077657 A1	06/20/02	Ginn, et al.			
	12	US 2002/0147479 A1	10/10/02	Aldrich			
	13	US 2003/0023267 A1	01/30/03	Ginn			
	14	US 2003/0045893 A1	03/06/03	Ginn			
	15	US 2003/0050665 A1	03/13/03	Ginn			
	16	US 2003/0078598 A1	04/24/03	Ginn, et al.			
	17	US 2003/0158577 A1	08/21/03	Ginn, et al.			
	18	US 2003/0158578 A1	08/21/03	Pantages, et al.			

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FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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EXAMINER		DATE CONSIDERED	6/7/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT zhu, et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE 8/1/01	GROUP 3731

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>MA</i>	1	3,653,388	04/04/72	Tenckhoff			
	2	4,317,445	03/02/82	Robinson			
	3	4,772,266	09/20/88	Groshong			
	4	4,865,593	09/12/89	Ogawa, et al.			
	5	4,921,479	05/01/90	Grayzel			
	6	4,961,729	10/09/90	Vaillancourt			
	7	4,984,564	01/15/91	Yuen			
	8	5,057,083	10/15/91	Gellman			
	9	5,176,128	01/05/93	Andrese			
	10	5,176,129	01/05/93	Smith			
	11	5,306,254	04/26/94	Nash, et al.			
	12	5,649,911	07/22/97	Trerotola			

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

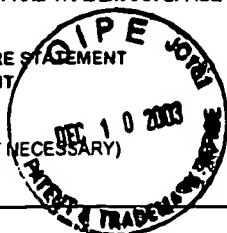
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EXAMINER <i>B. H. Smith</i>	DATE CONSIDERED 6/2/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANTS Yang Hua Zhu and Wolff M. Kirsch	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE August 1, 2001	GROUP 3731



FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>BD</i>	50	WO 99 42535	08/26/99	PCT				
<i>BD</i>	51	WO 99 62405	12/09/99	PCT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
<i>BD</i>	52	Gershony, Gary, M.D. A Novel Femoral Access Site Closure Device: Duet. Early European Clinical Trials, Los Angeles Cardiology Associates, Seminar, Coronary Interventions, Oct. 16-18, 1997.

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EXAMINER <i>B. Roberts</i>	DATE CONSIDERED <i>6/7/04</i>
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APPLICANTS
Yang Hua Zhu and Wolff M. KirschFILING DATE
August 1, 2001GROUP
3731

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>JA</i>	28	5,556,375	09/17/96	Ewall			
	29	5,632,727	05/27/97	Tipton et al.			
	30	5,645,566	7/8/97	Brenneman et al.			
	31	5,662,681	9/2/97	Nash et al.			
	32	5,676,689	10/14/97	Kensey et al.			
	33	5,684,042	11/4/97	Greff et al.			
	34	5,725,551	3/10/98	Myers et al.			
	35	5,810,810	9/22/98	Tay et al.			
	36	5,811,091	9/22/98	Greff et al.			
	37	5,944,730	8/31/99	Nobles et al.			
	38	6,060,461	5/9/00	Drake			
	39	6,155,265 A	12/05/00	Hammerslag et al.			
	40	6,198,016	3/01	Lucast et al.			

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>JA</i>	41	EP 0 028 452 A1	05/13/81	Europe				
	42	EP 646 350	4/5/95	Europe				
	43	WO 00 07640	02/17/00	PCT				
	44	WO 01 62159	2/26/01	PCT				
	45	WO 02 09591	8/2/01	PCT				
	46	WO 03 008002	1/30/03	PCT				
	47	WO 03 008003	7/19/02	PCT				
	48	WO 96 10374	4/11/96	PCT				
	49	WO 96 24291	8/15/96	PCT				

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	1	3,483,870 A	12/16/69	Coover et al.			
	2	3,518,993	07/07/70	Blake			
	3	4,325,376	04/20/82	Klieman, et al.			
	4	4,351,466	09/28/82	Noiles			
	5	4,487,204	12/11/84	Hrouda			
	6	4,492,232	1/8/85	Green			
	7	4,534,351	8/13/85	Rothfuss, et al.			
	8	4,539,990	9/10/85	Stivala			
	9	4,611,595	9/16/86	Klieman, et al.			
	10	4,616,650	10/14/86	Green, et al.			
	11	4,738,658	4/19/88	Magro et al.			
	12	4,821,719	4/18/89	Fogarty			
	13	4,917,087	4/17/90	Walsh et al.			
	14	4,930,674	6/5/90	Barak			
	15	4,931,058	6/5/90	Cooper			
	16	4,934,364	6/19/90	Green			
	17	5,015,249	5/14/91	Nakato et al.			
	18	5,114,400	5/19/92	Lynn			
	19	5,147,381	9/15/92	Heimerl, et al.			
	20	5,282,827	02/01/94	Kensey et al.			
	21	5,297,714	3/29/94	Kramer			
	22	5,300,065	4/5/94	Anderson			
	23	5,383,896	1/24/95	Gershony et al.			
	24	5,411,520	5/2/95	Nash et al.			
	25	5,417,699	5/23/95	Klein et al.			
	26	5,458,131	10/95	Wilk			
	27	5,545,178	8/13/96	Kensey et al.			

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